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**AUG 24 2005**

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28436 7590 05/25/2005

**IP CREATORS  
P. O. BOX 2789  
CUPERTINO, CA 95015**

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**08/25/2005 HDESTA2 00000006 09776067**

**01 FC:2501 700.00 OP  
02 FC:8001 30.00 OP**

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/776,067	02/02/2001	Behrooz Rezvani	VELCP001X3	9374

**TITLE OF INVENTION: METHOD AND APPARATUS FOR AN X-DSL MODEM SUPPORTING MULTIPLE X-DSL LINE CODES**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	08/25/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
PATHAK, SUDHANSHU C	2634	375-222000

**1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).**  
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

**2. For printing on the patent front page, list**  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

**1 IP Creators  
2 Charles C. Cary  
3**

**3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

**(A) NAME OF ASSIGNEE**  
**Ikanos Communications Inc.**  
**Recorded: 6-18-2001**  
**Reel/Frame: 011674/0306**

**(B) RESIDENCE: (CITY and STATE OR COUNTRY)**  
**Fremont, California U.S.**

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

**4a. The following fee(s) are enclosed:**

☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
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☒ A check in the amount of the fee(s) is enclosed.  
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☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment Deposit Account Number **50-1338** (enclose an extra copy of this form).

**5. Change in Entity Status (from status indicated above)**

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

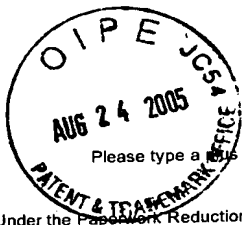
The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other part interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature   
 Typed or printed name **Charles C. Cary**

Date **08-24-2005**  
 Registration No. **36,764**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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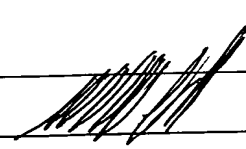


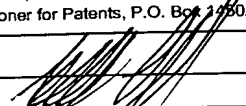
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/776,067
	Filing Date	02/02/2001
	First Named Inventor	Behrooz REZVANI
	Group Art Unit	2634
	Examiner Name	PATHAK, S.C.
Total Number of Pages in This Submission	Attorney Docket Number	VELCP001X3

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers # (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	IP Creators
Signature	 Charles C. Cary Reg. #: 36,764
Date	August 24, 2005

CERTIFICATE OF "Express Mailing" 37 C.F.R. 1.10	
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